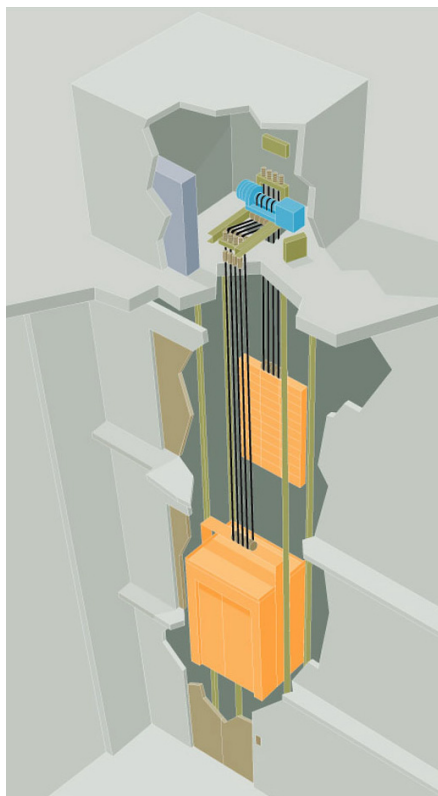


BENEFITS

- ▶ Exceptionally quiet
- ▶ Smooth, fast and comfortable ride
- ▶ Excellent levelling
- ▶ Energy efficient
- ▶ Efficient traffic handling
- ▶ Range of environmental benefits
- ▶ Less intrusive elevator servicing



The Gen2™ Lux elevator system offers the quality ride of the original Gen2™ System with added high-speed capacity. The energy-efficient gearless permanent magnet (PM) machine is isolated in its own Machine Room Compartment (MRC) to provide an exceptionally quiet and comfortable ride.

Your tenants concerns covered

The Machine Room Compartment (MRC) can sit on a structural slab or a non-structural concrete slab¹ which acts as a noise and heat barrier, making the elevator ride exceptionally quiet and comfortable for tenants.

The elevator control unit, drive, machine and overspeed governor are serviced in the MRC away from the top floor, thus making regular servicing less intrusive for tenants.

Reliable and efficient

The compact, low inertia gearless machine with sealed-for-life bearings is equipped with a highly efficient permanent magnet (PM) synchronous motor resulting in energy savings and system efficiency.

Intelligent Relative System Response (RSR) Plus™ Dispatching controller increases system and building efficiency by reducing the amount of energy consumed by the building. This feature can be enhanced by the addition of an Otis ReGen® drive system (optional premium) which takes energy normally dissipated as heat during braking and feeds it back into the building's internal grid where it can be used by other users in the same network. The Otis ReGen® drive system can save up to 70% of the energy used for propulsion compared with traditional non-regenerative type lifts.

Clean and Efficient - A Range of Environmental Benefits

The Gen2 represents another step forward in Otis' commitment to develop environmentally-friendly products. The belts and the gearless machine - which has sealed for-life bearings - require no oil or grease.

Synchronous permanent magnet machines with radial air gap are the most efficient motor type of gearless machine

An electromagnetic filter eliminates interference with the building's other electrical systems.

Compact and Energy-Efficient Gearless Machine

Thanks to the coated steel belts, the machine takes up only 30 per cent of the space of a conventional geared machine.

The low-inertia gearless machine with sealed-for-life bearings requires no additional oil or polluting lubricants, making it environmentally friendly to operate.

Reliability and efficiency is also enhanced by use of a maintenance-free disc brake. The Gen2 is one of the most efficient and cost-effective elevators to operate.

Experience the comfort

Revolutionary polyurethane coated steel belts result in a smoother and quieter ride and have a life span two to three times longer than conventional steel ropes.

The door operator's variable speed AC control provides superior performance and reliability over thousands of door opening and closing operations.

Your safety is our priority

LAMBDA II® Entrance Protection System has a screen of infrared beams which act as an invisible safety curtain for passengers entering and exiting the elevator.

¹ For non-structural slab, machine beams are still required

Gen2 Lux™



OTIS REM™ (Remote Elevator Monitoring) or emFONE Emergency Communication Device.

The machine's permanent magnet motor and variable frequency drive ensure accurate levelling. A door entrance protection immediately reopens the elevator door if an object is detected.

If the car is stopped between floors, evacuation deterrents prevent passengers from exiting. Hoistway access detection prevents a lift car from operating in normal conditions after opening a lift lobby door.

Visually appealing

Sleek architectural design with quality interior and exterior finishes. Refer to Otis2000 range of fixtures and finishes.

SPECIFICATIONS

Load capacity (kg)		1000	1050	1300	1300	1600	1600
Passenger capacity		13	14	17	17*	21	21*
Car dimensions (mm)		13 Wide Car	14 Deep Car	17 Wide Car	17 Deep Car	21 Wide Car	21 Deep Car
	Width	1600	1450	2000	1450	2000	1750
	Depth	1400	1650	1450	2000	1750	2000
Speed (m/s)	2.5 m/s						
Maximum rise (m)	145 m						
Maximum number of stops	50						
Door opening width (mm)		900	900	1100	1000	1100	1100

*Stretcher Capacity

All through-car configurations are limited to a maximum of 16 openings.